

## KAM-DCA 2163

Multi-purpose high molecular weight dispersion control additive for solvent-based coatings. Due to its particularly good combination of price and performance, it is a very attractive substitute for conventional dispersion control additives.

### Technical Specifications

Composition	:	Block copolymer with pigment affinic groups
Solvent(s)	:	Butylacetate/Methoxypropylacetate/n-Butanol
Specific gravity @ 20°C	:	ca. 0.99 g/cm <sup>3</sup>
Amine value	:	10-14 mg KOH/g
Acid value	:	7-11 mg KOH/g
Appearance	:	Slightly yellowish liquid
Active matter	:	45%

### Applications

**KAM-DCA 2163** is a multi-purpose high molecular weight dispersion control additive for all solvent-based paints from high performance industrial coatings to normal decorative paints.

**KAM-DCA 2163** is a very cost-effective dispersion control additive that reduces the time required for the grinding process and improves gloss and levelling.

It has excellent deflocculating properties leading to:

- Increased gloss
- Better color strength
- More transparency in the final application
- Better hiding power (inorganic pigments)
- Drastically reduced viscosity of the mill-base

**KAM-DCA 2163** is recommended in general industrial coatings but also in automotive coatings and all kinds of solvent-based coatings as well as pigment concentrates.

**KAM-DCA 2163** should be incorporated in the mill-base before adding the pigments.

Amount of additive based upon pigment can be determined as follows:

Inorganic pigments : 11% of oil absorption value (solid form) or 12-23% (as supplied)  
Organic pigments : 33-55% of BET value (solid form) or 33-65% (as supplied)  
Carbon blacks : 16-28% of DBP value (solid form) or 90-112% (as supplied)

### Storage, Safety and Packaging

To be stored in a cool dry place and handled in accordance with good industrial practice.

When kept in an original unopened container, it will keep up to min. 4 years from the date of manufacture.

Separation or turbidity may occur at temperatures < 0 °C. Warm to 20 °C and mix well.